

Form PTO-1449
U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

Atty. Docket Number:

1001-009C2

Serial Number:

10/635,070

LIST OF PRIOR ART CITED BY APPLICANT
IN AN APPLICATION
(Use several sheets if necessary)

Applicant(s): Michael J. Czaplicki et al.

Filing Date:

August 6, 2003

Group:

3612

U.S. PATENT DOCUMENTS

EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
<i>ms</i>	3,054,636	09/18/1962	Wessells III			
	3,746,387	07/17/1973	Schwenk			
	3,757,559	09/11/1973	Welsh			
	3,890,108	06/17/1975	Welsh			
	4,090,734	05/23/1978	Inami et al.			
	4,378,395	03/29/1983	Asoshina et al.			
	4,440,434	04/03/1984	Celli			
	4,457,555	07/03/1984	Draper			
	4,559,274	12/17/1985	Kloppe et al.			
<i>ms</i>	4,610,836	09/09/1986	Wycech			

FOREIGN PATENT DOCUMENTS

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628,863	03/28/1947	U.K.			<input type="checkbox"/> <input type="checkbox"/>
DE2919046	05/11/1979	Germany			<input type="checkbox"/> <input type="checkbox"/>
8028960	09/08/1980	U.K.			<input type="checkbox"/> <input type="checkbox"/>
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2-206537	08/16/1990	Japan			<input type="checkbox"/> <input type="checkbox"/>

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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<i>msj</i>	4,613,177	09/23/1986	Loren et al.			
	4,705,716	11/10/1987	Tang			
	4,917,435	04/17/1990	Bonnett et al.			
	4,989,913	02/05/1991	Moore, III			
	5,102,188	04/07/1992	Yamane			
	5,122,398	06/16/1992	Seiler et al.			
	5,560,672	10/01/1996	Lim et al.			
	5,642,914	07/01/1997	Takabatake			
<i>msj</i>	5,648,401	07/15/1997	Czaplicki et al.			

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G9011147.8	09/24/1990	Germany			<input type="checkbox"/> <input type="checkbox"/>
91104546.6	03/22/1991	Europe			<input type="checkbox"/> <input type="checkbox"/>
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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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Mane J. King

DATE CONSIDERED:

5/28/04

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U.S. DEPARTMENT OF COMMERCE
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FEB 11 2004

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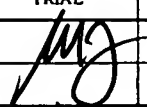

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U.S. PATENT DOCUMENTS

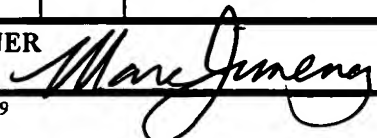
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	5,649,400	07/22/1997	Miwa			
	5,652,039	07/29/1997	Tremain et al.			
	5,803,533	09/08/1998	Schulz et al.			
	5,804,608	09/08/1998	Nakazato et al.			
	5,806,915	09/15/1998	Takabatake			
	5,806,919	09/15/1998	Davies			
	5,866,052	02/02/1999	Muramatsu			
	5,888,642	03/30/1999	Meteer et al.			
	5,901,528	05/11/1999	Richardson			
	5,904,024	05/18/1999	Miwa			

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,932,680	08/03/1999	Heider			
	5,941,597	08/24/1999	Horiuchi et al.			
	5,985,435	11/16/1999	Czaplicki et al.			
	5,988,734	11/23/1999	Longo et al.			
	5,994,422	11/30/1999	Born et al.			
	6,004,425	12/21/1999	Born et al.			
	6,022,066	02/08/2000	Tremblay et al.			
	6,033,300	03/07/2000	Schneider			
	6,050,630	04/18/2000	Hochet			
	6,059,342	05/09/2000	Kawai et al.			
	6,068,424	05/30/2000	Wycech			
	6,077,884	06/20/2000	Hess et al.			

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LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				1001-009C2		10/635,070			
				Applicant(s): Michael J. Czaplicki et al.					
				Filing Date: August 6, 2003				Group: 3612	

U.S. PATENT DOCUMENTS							
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my	6,079,180	06/27/2000	Wycech				
	6,082,811	07/04/2000	Yoshida				
	6,090,232	07/18/2000	Seeliger et al.				
	6,092,864	07/25/2000	Wycech et al.				
	6,094,798	08/01/2000	Seeliger et al.				
	6,096,403	08/01/2000	Wycech et al.				
	6,096,791	08/01/2000	Born et al.				
	6,099,948	08/08/2000	Paver, Jr.				
	6,102,379	08/15/2000	Ponslet et al.				
	6,102,473	08/15/2000	Steininger et al.				
my	6,103,341	08/15/2000	Barz et al.				

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OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>		

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LIST OF PRIOR ART CITED BY APPLICANT IN AN APPLICATION <i>(Use several sheets if necessary)</i>				1001-009C2		10/635,070			
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U.S. PATENT DOCUMENTS									
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		6,103,784	08/15/2000	Hilborn et al.					
		6,110,982	08/29/2000	Russick et al.					
		6,129,410	10/10/2000	Kosaraju et al.					
		6,131,897	10/17/2000	Barz et al.					
		6,135,542	10/24/2000	Emmelmann et al.					
		6,149,227	11/21/2000	Wycech					
		6,150,428	11/21/2000	Hanley, IV et al.					
		6,152,260	11/28/2000	Eipper et al.					
		6,153,709	11/28/2000	Xiao et al.					
		6,165,588	12/26/2000	Wycech					
		6,168,226	01/02/2001	Wycech					
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		PCT/AT00/00123	05/05/2000	PCT			<input type="checkbox"/> <input type="checkbox"/>		
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EXAMINER				DATE CONSIDERED:					
				5/28/01					

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

FEB 11 2004

App. Docket Number
1001-009C2Serial Number:
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LIST OF PRIOR ART CITED BY APPLICANT

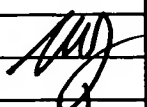

IN AN APPLICATION

(Use several sheets if necessary)

Applicant(s): Michael J. Czaplicki et al.

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3612

U.S. PATENT DOCUMENTS

*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,123,170	Mar-64	Bryant			
	3,493,257	Feb-70	Fitzgerald, et al.			
	3,665,968	5/30/72	DePutter			
	4,019,301	4/26/77	Fox			
	4,082,825	4/4/78	Puterbaugh			
	4,238,540	12/9/80	Yates, et al.			
	4,397,490	Aug-83	Evans, et al.			
	4,732,806	3/22/88	Wycech			
	4,751,249	Jun-88	Wycech			

FOREIGN PATENT DOCUMENTS

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EP 0 891 918 A1	1/20/99	Europe			<input type="checkbox"/> <input type="checkbox"/>
EP 0 893 331 A1	1/27/99	Europe			<input type="checkbox"/> <input type="checkbox"/>
EP 0 893 332 A1	1/27/99	Europe			
JP 5-38992	Feb-93	Japan			
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PCT/US97/07644	11/20/97	PCT			
PCT/US97/10693	6/25/97	PCT			
PCT/US97/19901	11/14/97	PCT			
PCT/US98/08980	11/12/98	PCT			
PCT/US98/16461	2/25/99	PCT			

OTHER DOCUMENTS

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5/28/04

FEB 11 2004

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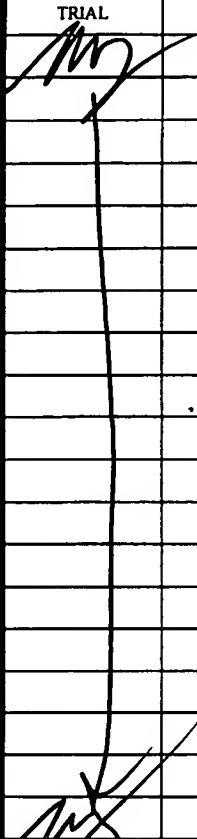
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*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,762,352	8/9/88	Enomoto			
	4,803,108	2/7/89	Leuchten, et al.			
	4,836,516	6/6/89	Wycech			
	4,853,270	8/1/89	Wycech			
	4,861,097	8/29/89	Wycech			
	4,898,630	2/6/90	Kitoh, et al.			
	4,901,500	Feb-90	Wycech			
	4,908,930	Mar-90	Wycech			
	4,922,596	5/8/90	Wycech			
	4,923,902	5/8/90	Wycech			
	4,978,562	12/18/90	Wycech			
	4,995,545	2/26/91	Wycech			
	5,124,186	Jun-92	Wycech			
	5,213,391	5/25/93	Takagi			
	5,255,487	Oct-93	Wieting, et al.			
	5,266,133	11/30/93	Hanley, et al.			
	5,344,208	9/6/94	Bien, et al.			
	5,373,027	12/13/94	Hanley, et al.			
	5,395,135	3/7/95	Lim, et al.			

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OTHER DOCUMENTS

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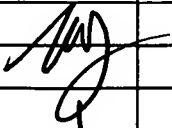
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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICELIST OF PRIOR ART CITED BY APPLICANT
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(Use several sheets if necessary)Atty. Docket Number
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*EXAMINER TRIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,506,025	4/9/96	Otto, et al.			
	5,575,526	11/19/96	Wycech			
	5,580,120	12/3/96	Nees, et al.			
	5,707,098	1/13/98	Uchida, et al.			
	5,725,272	3/10/98	Jones			
	5,731,069	3/24/98	Delle Donne, et al.			
	5,755,486	5/26/98	Wycech			
	5,766,719	6/16/98	Rimkus			
	5,785,376	7/28/98	Nees, et al.			
	5,786,394	7/28/98	Slaven			
	5,855,094	1/5/99	Baudisch, et al.			
	5,884,960	3/23/99	Wycech			
	5,885,688	3/23/99	McLaughlin			
	5,888,600	3/30/99	Wycech			
	5,934,737	8/10/99	Abouzahr			
	5,984,389	11/16/99	Nuber			
	5,992,923	11/30/99	Wycech			
	6,003,274	12/21/99	Wycech			
	6,022,066	2/8/00	Tremblay, et al.			
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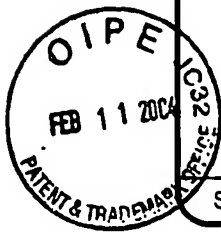
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Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**


(use as many sheets as necessary)

Sheet 1 of 3

Complete if Known

Application Number	10/635,070
Filing Date	08/06/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-009C2

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
		1,814,677		A. Fennema	05/03/1930	
		3,649,375		P.S. Venkatesan	01/26/1970	
		4,029,128		Yamagishi	06/14/1977	
		4,083,384		Home et al.	04/11/1978	
		4,463,870		Coburn, Jr. et al.	08/07/1984	
		4,695,343		Wycech	09/22/1987	
		4,769,391		Wycech	09/06/1988	
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		4,946,737		Lindeman et al.	08/07/1990	
		4,984,406		Friesen	01/15/1991	
		5,040,803		Cieslik et al.	08/20/1991	
		5,072,952		Irrgeher et al.	12/17/1991	
		5,358,397		Ligon et al.	10/25/1994	
		5,382,397		Turner, Jr.	01/17/1995	
		5,577,784		Nelson	11/26/1996	
		5,851,626		McCorry et al.	12/22/1998	
		5,871,849		Lepine	02/16/1999	
		5,878,784		Sales et al.	03/09/1999	
		5,901,752		Lundman	05/11/1999	

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Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 2 of 3

Complete if Known

Application Number	10/635,070
Filing Date	08/06/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-009C2

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
<i>AG</i>		5,902,656		Hwang	05/11/1999	
		6,006,484		Geissbuhler	12/28/1999	
		6,053,210		Chapman et al.	04/25/2000	
		6,146,565		Keller	11/14/2000	
		6,174,932		Pachl et al.	01/16/2001	
		6,189,953		Wycech	02/20/2001	
		6,196,621		VanAssche et al.	03/06/2001	
		6,199,940		Hopton et al.	03/13/2001	
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		6,263,635		Czaplicki	07/24/2001	
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		6,281,260		Hanley, IV et al.	08/28/2001	
		6,296,298		Barz	10/02/2001	
		6,305,136		Hopton et al.	10/23/2001	
		6,315,938		Jandali	11/13/2001	
		6,319,964		Blank et al.	11/20/2001	
		6,311,452		Barz et al.	11/06/2001	
		6,321,793		Czaplicki et al.	11/27/2001	
		6,197,403		Brown et al.	03/06/2001	

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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
		EP	0 775 721	A1	Mitsubishi Jidosha	05/28/1997		
		DE	196 48 164	A1	Wilhelm Karmann	05/28/1998		
		DE	299 04 705	U1	Mannesmann AG	07/29/1999		
		WO	99/28575		Sika AG	06/10/1999		
		DE	197 53 658	A1	Fraunhofer-Gesells	06/17/1999		
		WO	00/03894		Cascade Engineerin	01/27/2000		
		WO	01/83206		Sika Corporation	11/08/2001		
		DE	196 44 047	A1	Bayerische Motoren Werke AG	05/07/1998		
		WO	99/48746		Moller Plast GmbH	09/30/1999		
		JP	2001191947		Hond Motor Co Ltd	07/17/2001		

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Marc J. [Signature]

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Sheet **3**

of **3**

Complete If Known

Application Number	10/635,070
Filing Date	08/06/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-009C2

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<i>MS</i>		6,232,433		Narayan	05/15/2001	
		6,233,826		Wycech	05/22/2001	
		6,237,304		Wycech	05/29/2001	
		6,270,600		Wycech	08/07/2001	
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		3,868,796		Bush	03/04/1975	
		6,341,467		Wycech	01/29/2002	
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		Office ³	Number ⁴	Kind Code ⁵ (if known)				
<i>MS</i>		EP	0 236 291		Austria Metall Aktiengesellschaft	09/09/1987		
		WO	98/36944		Raychem Corporation	08/27/1998		
		WO	00/55444		L&L Products, Inc.	09/21/2000		
		WO	95/32110		Wycech, Joseph S.	11/30/1995		
		WO	00/37302		Adam Opel AG	06/29/2000		X
		DE	198 56 255	C1	Moller Plast GmbH	01/20/2000		X
		DE	198 12 288	C1	Moller Plast GmbH	05/27/1999		X
		FR	2 749 263		Renault Societe	12/05/1997		X
		EP	0 893 332	B1	Henkel Corporation	03/20/2002		
		DE	198 58 903	A1	Adam Opel AG	06/21/2000		

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Date Considered

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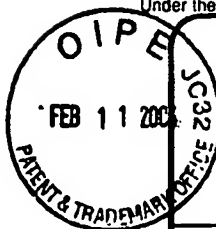
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 1

Complete if Known

Application Number	10/635,070
Filing Date	08/06/2003
First Named Inventor	Michael J. Czaplicki
Group Art Unit	3612
Examiner Name	Unknown
Attorney Docket Number	1001-009C2

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		Number	Kind Code ² (if known)			
[Handwritten signature]		4,444,818		Tominaga et al.	04/24/1984	
		5,660,116		Dannawi et al.	08/26/1997	
		5,997,077		Siebels et al.	12/07/1999	
		6,139,094		Teply et al.	10/31/2000	
		6,244,601		Buchholz et al.	06/12/2001	
		6,358,584		Czaplicki	03/19/2002	
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		6,413,611		Roberts et al.	07/02/2002	
		6,419,305		Larsen	07/16/2002	
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	[Handwritten signature]		2001/0020794		Ishikawa	09/13/2001
		2002/0033617		Blank	03/21/2002	
		H2047 H		Harrison et al.	09/03/2002	

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		Office ³	Number ⁴ (if known)				
			JP02001191949A	Neox Lab Inc.	07/17/2001		
			JP406156317A	Honda Motor Co Ltd	06/03/1994		
			JP 10-53156	Neox Lab KK	02/24/1998		
			WO 01/30906	Orbseal LLC	05/03/2001		
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			EP 1 122 156 A2	Sika Corporation	08/08/2001		
			JP 7-31569	Neox	06/13/1995		X

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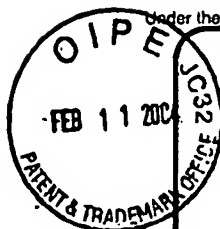
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Sheet 1 of 1

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		4,822,011		Goldbach et al.	04/18/1989	
		5,474,721		Stevens	12/12/1995	
		5,544,930		Stedman	08/13/1996	
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		6,502,821		Schneider	01/07/2003	
		6,561,571		Brennecke	05/13/2003	
		6,619,727		Barz et al.	09/16/2003	
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		2003/0042056		Schneider et al.	03/06/2003	
		2003/0039792		Hable et al.	02/27/2003	
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		GB	2 375 328	A	L&L Products	11/13/2002		
		GB	2 083 162	A	Energy Absorption Systems	03/17/1982		
		DE	197 03 429	A1	Bayerische Motoren Werke	08/06/1998		
		JP	58-87668		Nissan Jidousha Motors	06/14/1983		X
		JP	7-117728		Iida Sangyo KK	05/09/1995		X
		EP	1 006 022	A2	Neo-Ex Lab, Inc.	06/07/2000		
		EP	1 006 022	B1	Neo-Ex Lab, Inc.	09/24/2003		
		EP	1 256 512	A2	Adam Opel AG	11/13/2002		
		DE	42 27 393	A1	Volkswagen AG	03/04/1993		X
		EP	1 366 960	A1	Hexcel Corporation	12/03/2003		

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Sheet 1 of 1

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Sheet

1

of

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Attorney Docket Number	1001-009C2

[illegible]

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